

Kaltura Video Package 4.0 for Moodle

Installation and Upgrade Guide

Version: 4.0 for Moodle

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Contents

Section 1 Installing the Kaltura Video Package 4.0 for Moodle	4
Prerequisites	4
Installation Background.....	4
Section 2 Installation Process	5
Set Up the Filter Plug-in.....	6
Adding the Atto Text Editor	7
My Media.....	7
Section 3 Upgrading from Kaltura Video Package for Moodle Version 3.0 to 4.0	8
Before You Begin	8
Known Issues and Limitation for Migration.....	9
Upgrading Process	10
Post-upgrade.....	12
Content Migration.....	12
Verify the Kaltura Video Package Version on Moodle	12
Mandatory Steps to Perform on the KAF Admin Console	13

Installing the Kaltura Video Package 4.0 for Moodle

This document details the steps required to install and upgrade the Kaltura Video Package 4.0 for Moodle.

If you are upgrading from Kaltura Video Package 3.0, follow the instructions in the [Upgrading from Kaltura Video Package for Moodle Version 3.0 to 4.0](#) section.

Prerequisites

- A Kaltura account :
 - Partner id (“pid”), e.g., *12345678*
 - Admin secret, e.g., *f79359d3227f45be73c181489888afc5*
- A Kaltura Application Framework instance URL, for example, *12345678.kaf.kaltura.com*
- Minimum Moodle version 2.5.7 (Build: 2014102807)

Installation Background

- Local plug-in used to:
 - Store configuration data and the Kaltura PHP client library (*local/kaltura*)
 - Display the user's *My Media* repository (*local/mymedia*)
- Video assignment module, equivalent to the video assignment type for the Kaltura plug-in for Moodle 2.x (*mod/kalvidassign*)
- Video resource module, equivalent to the video resource type for the Kaltura plug-in for Moodle 2.x (*mod/kalvidres*)
- Video presentation module, equivalent to the video presentation type for Kaltura plug-in for Moodle 2.x (*mod/kalvidpres*)
- Filter plug-in, used to display Kaltura video embed inside rich-text markups (*filter/kaltura*)



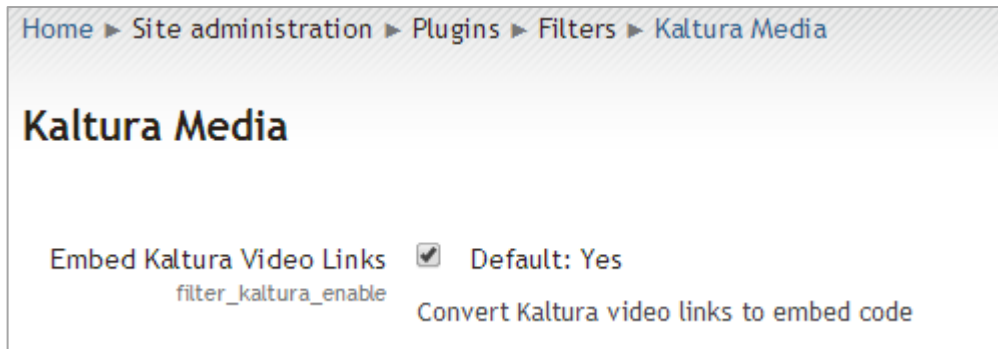
5. Click 'Save changes'.
6. Verify that the Kaltura credentials were entered correctly by clicking on 'Plug-ins' > 'Local Plug-ins' > 'Kaltura Package Libraries'. Be certain that 'Successfully logged in with credentials' is displayed under the Connection status heading.



Set Up the Filter Plug-in

To set up the filter plug in

1. After the installation is complete, navigate to Plug-ins → Filters → Manage Filters. Enable the Kaltura Media filter and click the Settings link.
2. Ensure that Embed Kaltura Video Links is checked. If not, check it.

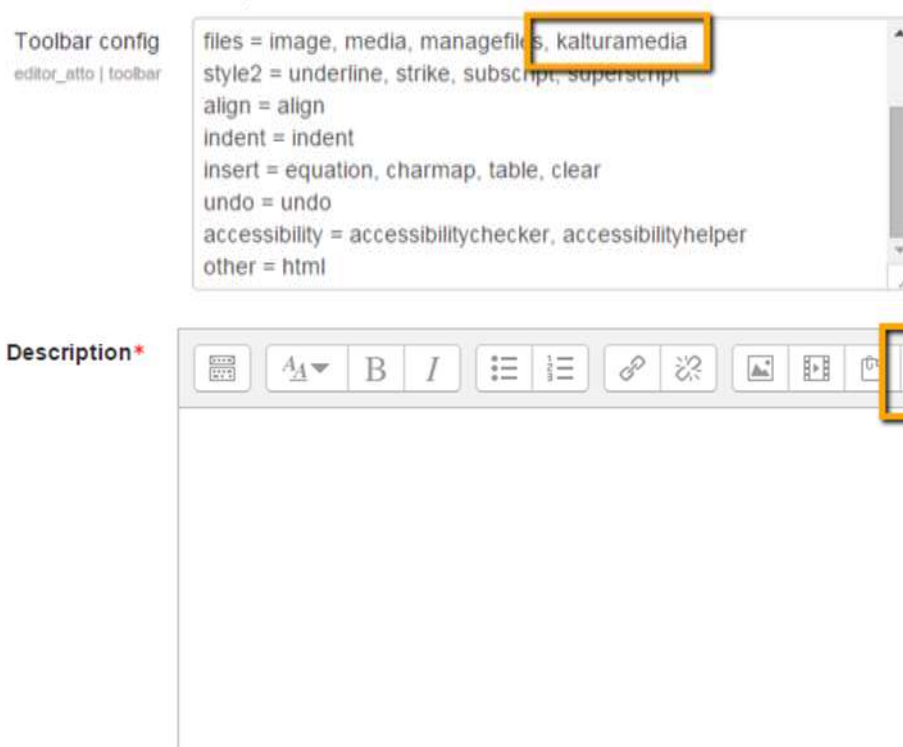


3. Click Save.

Adding the Atto Text Editor

 To add the Kaltura embed button to the Atto text editor (Moodle 2.8 and later)

1. Login as administrator.
2. Go to Site administration → Plugins → Text editors → Atto HTML editor → Atto toolbar settings.
3. Under Toolbar config, add “**kalturamedia**” to any of the button groups. For example:



The “Embed Kaltura Video” is added to the Atto editor.

My Media

No setup is required for My Media. Users can find the link to My Media under the My Home menu.

Upgrading from Kaltura Video Package for Moodle Version 3.0 to 4.0



IMPORTANT NOTE:

If upgrading the client's site:

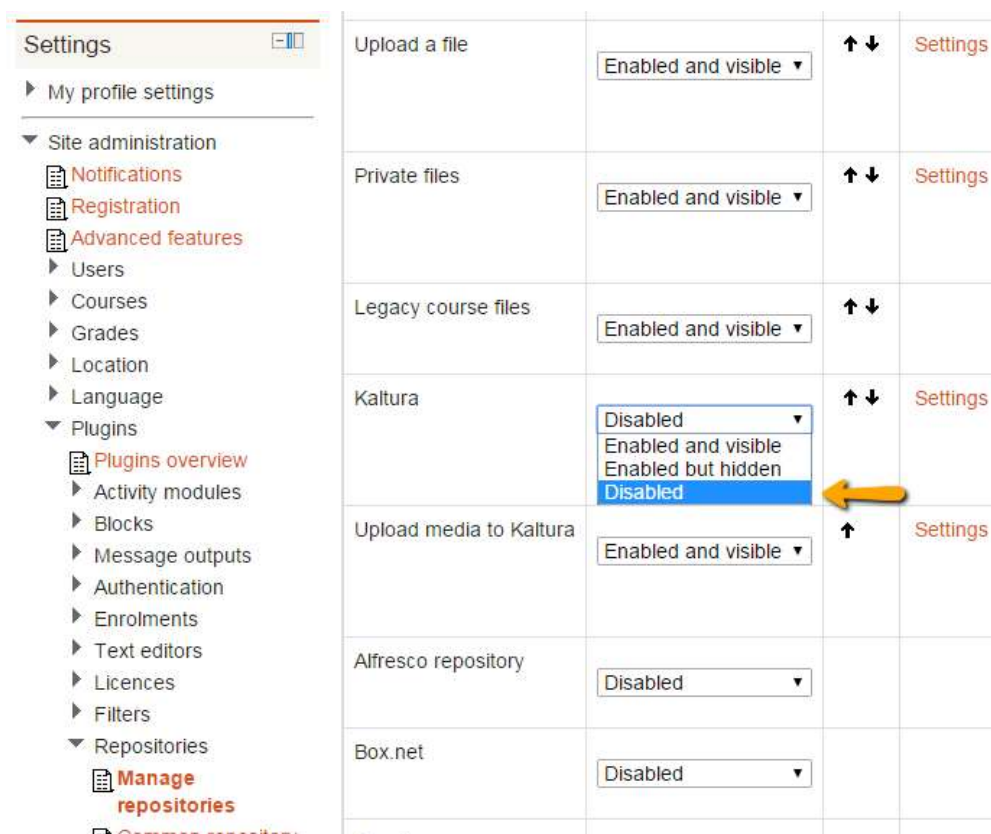
- You must have Kaltura release 3.1.02 (RL: 2.6.1.1) (2014010901 or 2014102105) for Moodle 2.5 or Kaltura release 3.1.02 (RL: 2.5.1.7) (2013071808 or 2014102106) for Moodle 2.6. See [Verify the Kaltura Video Package Version on Moodle](#) for details.
- Please read the instructions about [Upgrading from Kaltura Video Package for Moodle from Version 3.0 to 4.0](#) for additional steps required to be performed on the KAF instance provided to you.

Before You Begin

You must perform the following tasks before upgrading to the Kaltura Video Package for Version 4.0 to successfully upgrade the software.

To begin the upgrade process

1. Create a backup of your Moodle 3.0 database.
2. Disable the Kaltura repository plugin.
 - a. Login as administrator.
 - b. Go to Settings → Site Administration → Plugins → Manage repositories.
 - c. Set **Kaltura** to 'Disabled'.



3. Delete the following folders from the Moodle folder:

- local/kaltura
- local/mymedia
- mod/kalvidres
- mod/kalvidpres
- mod/kalvidassign
- repository/kaltura
- filter/Kaltura

Known Issues and Limitation for Migration

- Entries shared with multiple courses in V3 may not be migrated properly when running on PHP versions below 5.3.29.
- Video presentation resources may be migrated incorrectly if the video was also added via TinyMCE.
- You may need to exceed the KMC 32 category limitation during migration. The limitation may be enabled or disabled by Kaltura Customer Care only. Please contact [Kaltura Customer Care](#) to temporarily disable the 32 category limitation to allow the migration to complete successfully. You will need to schedule a down time for all other non KAF applications associated with the same partner Id to perform the migration. Kaltura Customer Care should reapply the KMC 32 category limitation after the migration is successfully completed.

Upgrading Process

To upgrade to version 4.0

1. After copying the Moodle 4.x code into your web server, copy the additional Kaltura modules. See Installation Process, and use your current Kaltura credentials.
2. Click 'Upgrade Moodle database now' to install the new package.






Plugins check

This page displays plugins that may require your attention during the upgrade. Highlighted items include new plugins that are about to be installed, updated plugins that are about to be upgraded and any missing plugins. Add-ons are highlighted if there is an available update for them. It is recommended that you check whether there are more recent versions of add-ons available and update their source code before continuing with the Moodle upgrade.

[Check for available updates](#)

Number of plugins requiring your attention: 9

[Display the list of installed plugins](#)

Plugin name	Directory	Source	Current version	New version	Requires	Status
Activity modules						
 Kaltura Media Assignment	mod/kalvidesign	Add-on	201810301	201802000	View details	To be upgraded
 Kaltura Video Presentation	mod/kalvidpres	Add-on	201810301	201802000	View details	To be upgraded
 Kaltura Video Resizer	mod/kalvidres	Add-on	201810301	201802000	View details	To be upgraded
Toolkits						
Kaltura Media	lib/kaltura	Add-on	201810301	201802000	View details	To be upgraded
TinyMCE HTML editor / Plugins						
 Kaltura media	lib/editor/tinymce/plugins/kalturamedia	Add-on		201802000	View details	To be installed
Repositorios						
Kaltura		Add-on	201810301			Missing from db!
Local plugins						
 Kaltura package themes	local/kaltura	Add-on	201810301	201802000 ST	View details	To be upgraded
Kaltura Media Gallery	local/kalturamedialibrary	Add-on		201801000	View details	To be installed
My Media	local/mymedia	Add-on	201810301	201802000	View details	To be upgraded

[Refresh](#)

[Upgrade Moodle database now](#)

3. Review the upgraded modules and click 'Continue':

Upgrading to new version

mod_kalvidesign	Success
mod_kalvidpres	Success
mod_kalvidres	Success
filter_kaltura	Success
tinymce_kalturamedia	Success
local_kaltura	Success
local_kalturamedialibrary	Success
local_mymedia	Success
Continue	

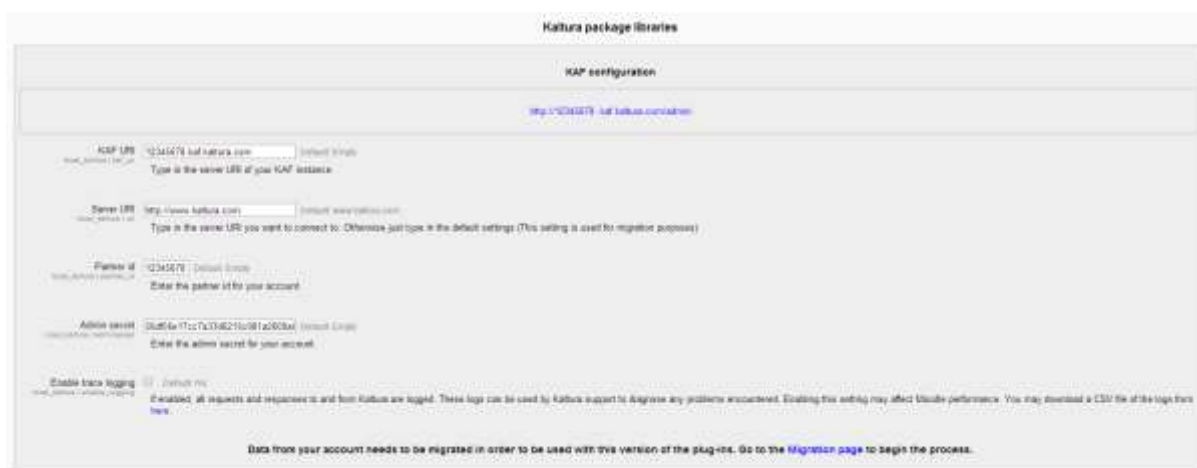
4. After the upgrade completes, insert the KAF URI in the Kaltura package libraries configuration.



IMPORTANT NOTE: Please make sure the KAF URI does not include http:// prefix and that it does not end with any trailing slashes (/). for example:
 “http://12345678.kaf.kaltura.com” and “12345678.kaf.kaltura.com/” are wrong examples.

5. Click Save Changes.

- Go back to the Kaltura package libraries (Site administration → Plugins → Local plugins → Kaltura package libraries). Make sure your account details appear correctly:



- To start the migration of content, click on the link at the bottom of the Kaltura package libraries page:



- On the Data migration page select a KAF category to migrate to and click Start. This should be the category selected on your KAF instance. For more details, please refer to the [Kaltura Video Plugin V4 for Moodle Setup Guide](#).



A message informing that the migration has been completed is displayed.

- Click Continue.

The migration has been completed.
(Continue)

Post-upgrade

- Ensure all of your assignments, video resources and presentations are located in the correct courses and that all of the videos play without any issues.
- Ensure video assignments grades are kept intact.

Content Migration

V3 entries that were shared with the site will be transferred to Shared Repository category.

- V3 entries that were shared with course will be transferred to Kaltura Media Gallery of the specific course.
- V3 entries that were added by a specific user will be displayed on user's My Media page on V4.
- Kaltura video resources / assignments / presentations will be available at the same path they were on V3.
- Users, credentials and courses names will stay the same as they were on V3.

Verify the Kaltura Video Package Version on Moodle

To verify the Kaltura Video Package Version on Moodle

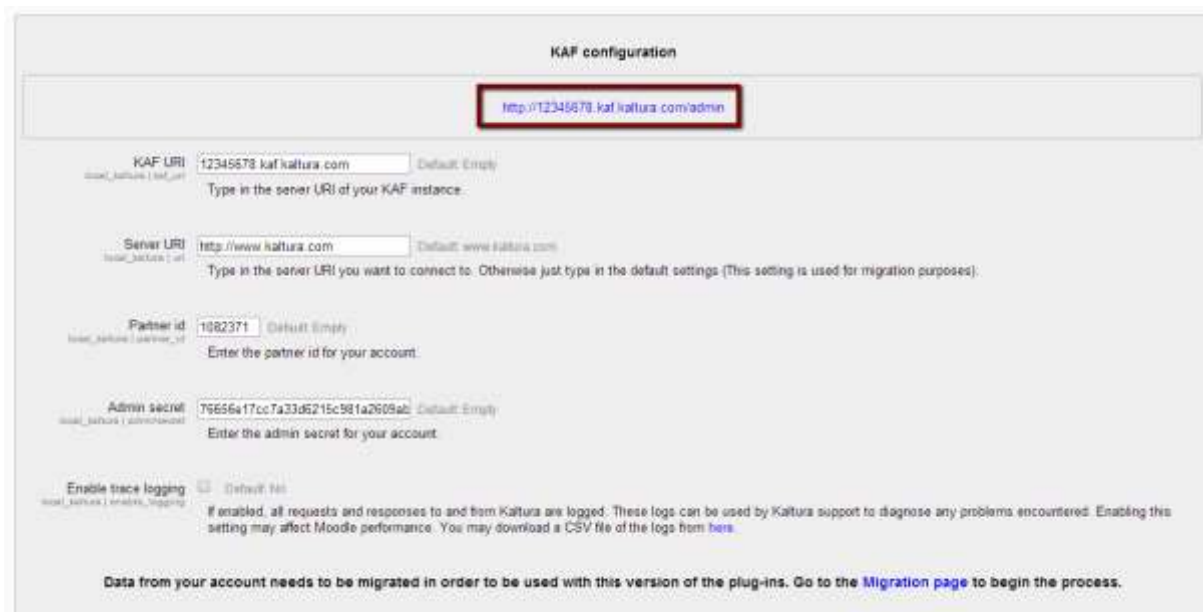
1. Log into your Moodle site as an administrator.
2. Go to the plugins overview page (Site administration → Plugins → Plugins overview).
The following Kaltura plugins should appear:

Plugin name	Source	Version
Kaltura Media Assignment	Add-on	2014023000
Kaltura Video Presentation	Add-on	2014023000
Kaltura Video Resource	Add-on	2014023000
Kaltura media	Add-on	2014023000
Kaltura package libraries	Add-on	2014023000.01
Kaltura Media Gallery	Add-on	2014023000
My Media	Add-on	2014023000

Mandatory Steps to Perform on the KAF Admin Console

To access your KAF instance Admin Console from within your Moodle site

1. Go to Site administration → Plugins → Local plugins → Kaltura package libraries and clicking the URL at top of the page:



2. After installing/upgrading the Kaltura Video Package for Moodle you will need to specify the root category you created under the **Categories** module.

Module	Fields	Description
Categories	rootCategory	Select the category you created in the KMC.



NOTE: The root category should not be changed after the plugin is configured. It is okay to change the name of the root category from the KMC. It will automatically update in the KAF Admin Console.

Be certain that the sharedRepositoryCategoryId field is updated in the **Hosted** module. If it is not updated the following is displayed:

sharedRepositoryCategoryId

Your shared repository category requires mandatory update!
[Click here to update](#)

3. Click “Click here to update” to update the Shared Repository.